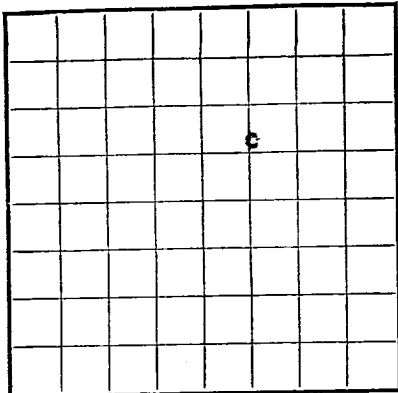


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NW 027857**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Alamo Corporation Address 2010 34th Street, Lubbock, Texas
Lessor or Tract Ball- Federal Field Sanger-San Andres State New Mexico
Well No. 1 Sec. 20 T. 9S R. 38E Meridian NMPM County Lee
Location 1980 ft. XX of N Line and 1980 ft. XX of E Line of NE 1/4 Sec. 20 Elevation 3963
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Lloyd Henderson

Date February 28, 1961 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced ~~drilling~~ ^{operations} ~~10-31-60~~, 19----- Finished ~~drilling~~ ~~1-23~~, 1961--

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4900 to 19 (GL) No. 4, from _____ to _____
 No. 2, from 4925 to 40 (GL) No. 5, from _____ to _____
 No. 3, from 4950 to 71 (GL) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from ----- to ----- No. 3, from ----- to -----
No. 2, from ----- to ----- No. 4, from ----- to -----

CASING RECORD

	Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
								From—	To—	
Set in 19% (liner) 5'	8-1/2"	160	8 rd.	J-55	503	Outside	HISTORY OF OIL OF GAS WELL			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	4375 IB	Unknown			
5 1/2	5098'	190	Pump truck		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	Jets		8	12-11-60	4910-14	
			20	12-11-60	4925-36	
			40	12-11-60	4951-71	
			12	1-6-61	4902-08	

TOOLS USED ¹² 1-6-61 4902-08

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from ~~to clean out surface~~ _____ feet to 5127' feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

[illegible]

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
It has been found that the formation is composed of sandstone and shale. The sandstone is of the type known as "fine-grained" and the shale is of the type known as "shaly". The formation is of the type known as "sandstone and shale".			
TOOLS USED			
The tools used in the formation record are as follows:			
SHOOTING RECORD			
The shooting record is as follows:			
PISTOLS AND RIFLES			
The pistols and rifles used in the formation record are as follows:			
REMARKS AND COMMENTS			

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "spliced" or "tapped" in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CASING RECORD

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

IMPORTANT WATER SAMPLES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

OIL OR GAS SAMPLES OR CORES

The summary on this page should be a statement of the oil or gas found in the well. It should include the following information: (1) The name of the well, (2) the location of the well, (3) the date of the discovery, (4) the name of the person or company who discovered the well, (5) the name of the person or company who drilled the well, (6) the name of the person or company who owns the well, (7) the name of the person or company who is operating the well, (8) the name of the person or company who is leasing the well, (9) the name of the person or company who is producing the well, (10) the name of the person or company who is distributing the well.

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